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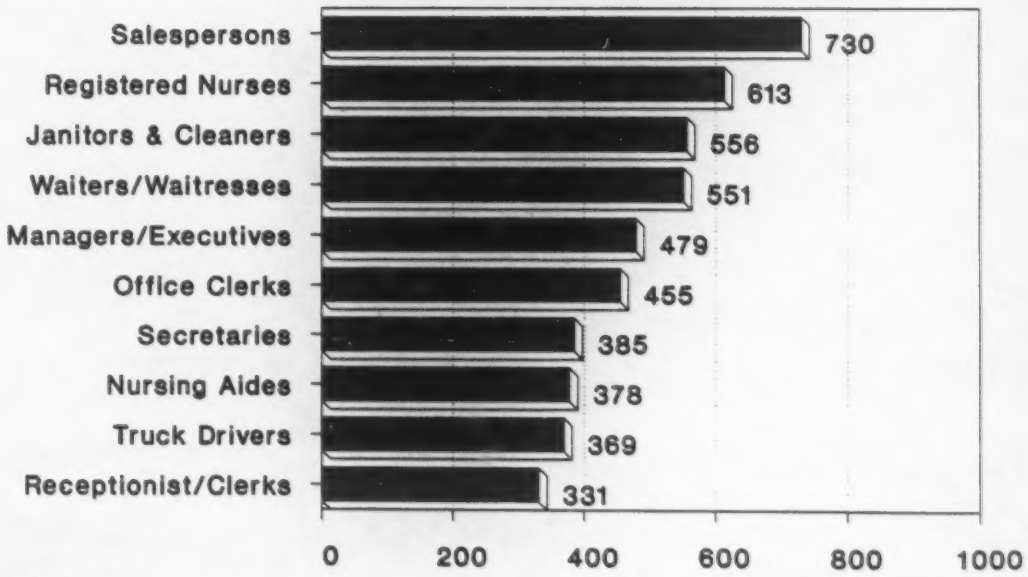
JOB SERVICE North Dakota

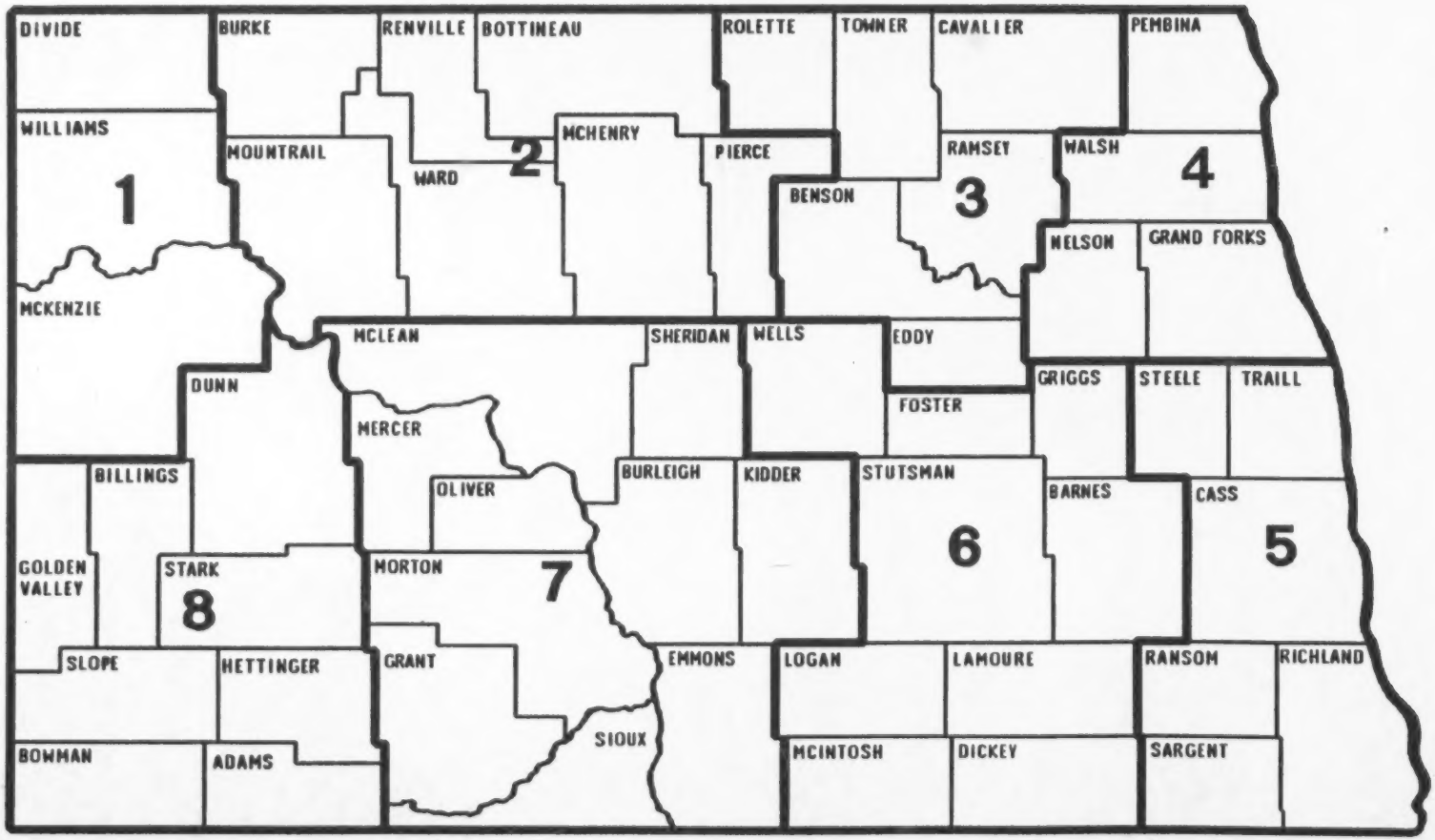
# The North Dakota Labor Market Advisor

## NATIONAL EMPLOYMENT INCREASE BY OCCUPATION 1988 - 2000



# NORTH DAKOTA STATE PLANNING REGIONS

Labor force, employment, and hours and earnings estimates are compiled in cooperation with the Bureau of Labor Statistics, U.S. Department of Labor.



# THE
# NORTH DAKOTA
# LABOR MARKET ADVISOR

November, 1990

**GEORGE A. SINNER, GOVERNOR**
**STATE OF NORTH DAKOTA**

Job Service North Dakota
1000 East Divide
Bismarck, North Dakota 58501

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A Monthly Publication Prepared by
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# WORKFORCE TRENDS - AN ASSESSMENT OF THE FUTURE

*How can a state or the nation prepare for the employment needs of the future? What's the first step? Quite simply, it's planning.*

The Interstate Conference of Employment Security Agencies (ICESA) is an organization comprised of the directors of the agencies from all states. Mike Deisz, Executive Director of Job Service North Dakota, is currently serving as president. Tom Pederson, Chief of Research and Statistics, serves on the ICESA Labor Market Information Committee. The Employment Security Agencies are involved with the various facets of the labor force on a daily basis. Logically, anticipating and planning for changes in supply and demand in the labor force falls within the area of their primary responsibilities.

The agencies gather and produce core labor market data on a continuing basis through standardized programs. However, these programs may miss specific problems or needs in individual states.

To determine if this was true, the Labor Market Information Committee surveyed all states in March 1990. Forty-six completed and returned the survey form. The results of the survey were published in a booklet entitled, Workforce Trends, An Assessment of the Future.

The report indicates the workforce will grow more slowly in the next ten years than it has since the 1930's. There will be fewer young workers entering the labor market, and as a result, the average age of the workforce will increase from 36 today to 39 by the year 2000. The advantage of an older workforce is that the mature worker brings experience and reliability to the job. On the negative side, older workers are not as adaptable. As an example, they are less likely to undertake training, and are reluctant to relocate.

More women will be entering the workforce and will account for almost two-thirds of the new entrants. The report projects that by the year 2000, 61% of all women of working age will be in the workforce. The growth in the number of women employed will have a major effect on the economy. The demand for convenience and instant products, together with delivery services, will increase. There will be a greater need for time off for pregnancy and child rearing as well as an increasing necessity of affordable and convenient day care.

Minorities entering the workforce are expected to account for 29% of the total by the year 2000. This is twice the current level. Immigrants will account for 600,000 new entrants with the concentration in the South and West.

The economy is expected to grow at a slower pace, only 1.2% per year compared to 2.3% for the years 1976 through 1988. However, 18 million new jobs are anticipated in the next 10 years. Major growth will occur in the services-producing sector. With an aging population, expansion in medical services is assured with seven out of ten of the fastest growing occupations occurring in the health related field. Business services, specifically employee leasing, will also show strong growth in the coming decade. Education services is projected to add 1.2 million jobs and retail trade 3.8 million.

Education continues to be a prime requisite for many jobs. The three major groups requiring the highest levels of education are projected to continue to grow at a more rapid pace than the average. These groups are: executive, administrative and managerial; professional and specialty; and technicians and related. Support occupations, such as clerical, are expected to grow at a slower pace. On the other hand, service occupations such as preparation and serving of food, health service, and cleaning and building service occupations are expected to account for three-fourths of the increase in service occupations.

The report emphasized a need for workers to be well-educated and trained in their field. "Any shortcoming in education and training required for a skilled workforce will limit our productivity growth and ability to compete in a global market." It touches on the need for post-secondary training in many occupations. A comparison of proficiency between U.S. students and those from other counties is labeled as "alarming."

Nearly 60% of the states responding to the survey indicated there was a shortage of qualified workers. While the national growth rate is expected to be 1.2%, in-migration in some states may cause the rate to double and avoid a shortage of youthful workers that may have occurred without in-migration.

The Rocky Mountain, North Central and Atlantic Coast regions include 19 states that are not currently experiencing a shortage of qualified workers. Most of the other states expect the supply of workers to be limited until the year 2000. In addition, some of the states in the Rocky Mountain and North Central regions expect shortages to occur by 2000 even though the current supply is sufficient. Shortages can occur for a number of reasons, including a slow population growth and a mismatch of skills.

Job opportunities occur due to growth or the need to replace workers. There is a common misconception that where there is no growth, there are few, if any, opportunities. It is a fact there are far more openings resulting from the need to replace workers than there is from growth. Even occupations that are not expected to grow will provide many opportunities for employment. Most states indicated that the greatest demand for workers parallels the national demand. The list is headed by salespersons, registered nurses, janitors and waiters/waitresses.

The best solution to a problem is to take steps to avoid one before it occurs. One of the major initiatives undertaken by states is to attack illiteracy through adult education and basic education. Basic skills training is provided through a number of programs, including the Job Training Partnership Act (JTPA) and the Economic Dislocation and Worker Adjustment Assistance Act (EDWAA). Training is provided in occupations for which there is a current or anticipated demand.

There are a number of obstacles facing a person entering the workforce even if the applicant has the basic training and jobs are available. One of the most common concerns, especially for a person receiving public assistance, is whether medical insurance is provided. Many simply cannot afford health insurance unless it is provided by the employer.

A second obstacle is the need for child care. In 1960, only 11% of the women with children under the age of six worked outside the home. Today, over half the women in this category have outside employment. Few employers provide day care, although some of the more progressive are becoming supportive of day care and consider it a necessity for a growing number of their workers.

Times continue to change, and the Employment Security Agencies observe and study the developments and attempt to anticipate needs. Programs and training can then be developed which will benefit both the employer and the employee.

If you are interested in receiving a copy of the publication, contact the Research and Statistics Section. The address is listed on the back cover of this publication.

**Dale R. Dehlin,**
**Research Analyst**

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **TOTAL** | 270,350 | 270,450 | 0.0% | 265,200 | 1.9% |
| **GOODS PRODUCING** | 32,950 | 34,500 | -4.5% | 31,350 | 5.1% |
| **MINING** | 4,400 | 4,350 | 1.1% | 4,150 | 6.0% |
| Coal | 1,050 | 1,050 | 0.0% | 1,100 | -4.5% |
| Crude Petroleum & Nat. Gas | 3,000 | 2,900 | 3.4% | 2,700 | 11.1% |
| Other Mining | 350 | 400 | -12.5% | 350 | 0.0% |
| **CONSTRUCTION** | 10,300 | 11,600 | -11.2% | 10,200 | 1.0% |
| Building Construction | 2,600 | 2,700 | -3.7% | 2,800 | -7.1% |
| Street, Highway & Heavy | 2,500 | 3,400 | -26.5% | 2,200 | 13.6% |
| Special Trade Construction | 5,200 | 5,500 | -5.5% | 5,200 | 0.0% |
| **MANUFACTURING** | 18,250 | 18,550 | -1.6% | 17,000 | 7.4% |
| Durable Goods | 9,100 | 9,150 | -0.5% | 8,300 | 9.6% |
| Primary & Fab. Metals | 1,150 | 1,150 | 0.0% | 1,100 | 4.5% |
| Machinery & Trans. Equip | 5,550 | 5,550 | 0.0% | 5,000 | 11.0% |
| Machinery & Electric | 4,000 | 4,000 | 0.0% | 3,700 | 8.1% |
| Transportation Equipment | 1,550 | 1,550 | 0.0% | 1,300 | 19.2% |
| Other Durables | 2,400 | 2,450 | -2.0% | 2,200 | 9.1% |
| Lumber & Wood | 1,250 | 1,200 | 4.2% | 1,050 | 19.0% |
| Misc Durable | 1,150 | 1,250 | -8.0% | 1,150 | 0.0% |
| Nondurable Goods | 9,150 | 9,400 | -2.7% | 8,700 | 5.2% |
| Food & Kindred Products | 5,050 | 5,350 | -5.6% | 4,550 | 11.0% |
| Dairy Products | 650 | 650 | 0.0% | 650 | 0.0% |
| Bakery Products | 1,400 | 1,400 | 0.0% | 850 | 64.7% |
| Sugar & Confectionary | 1,000 | 1,450 | -31.0% | 1,000 | 0.0% |
| Other Foods | 2,000 | 1,850 | 8.1% | 2,050 | -2.4% |
| Printing & Publishing | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Nondurable Goods | 1,500 | 1,450 | 3.4% | 1,650 | -9.1% |
| **SERVICES PRODUCING** | 237,400 | 235,950 | 0.6% | 233,850 | 1.5% |
| **TRAN, COMM & UTILITIES** | 17,500 | 17,500 | 0.0% | 17,250 | 1.4% |
| Transportation | 9,300 | 9,200 | 1.1% | 8,950 | 3.9% |
| Trucking & Warehousing | 5,200 | 5,200 | 0.0% | 5,100 | 2.0% |
| Other Transportation | 4,100 | 4,000 | 2.5% | 3,850 | 6.5% |
| Railroads | 1,950 | 1,900 | 2.6% | 1,900 | 2.6% |
| Local & Suburban Transport | 950 | 900 | 5.6% | 900 | 5.6% |
| Water, Air & Pipeline | 1,200 | 1,200 | 0.0% | 1,050 | 14.3% |
| Communications | 3,500 | 3,500 | 0.0% | 3,600 | -2.8% |
| Utilities | 4,700 | 4,800 | -2.1% | 4,700 | 0.0% |
| **WHOLESALE TRADE** | 19,300 | 19,300 | 0.0% | 19,700 | -2.0% |
| Durable Goods | 8,800 | 8,800 | 0.0% | 9,100 | -3.3% |
| Nondurable Goods | 10,500 | 10,500 | 0.0% | 10,600 | -0.9% |

# NORTH DAKOTA
# NONAG WAGE AND SALARY EMPLOYMENT

(Rounded to Fifty)

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| RETAIL TRADE | 51,850 | 50,550 | 2.6% | 51,050 | 1.6% |
| Hardware & Garden | 2,400 | 2,400 | 0.0% | 2,500 | -4.0% |
| General Merchandise | 7,700 | 6,600 | 16.7% | 7,100 | 8.5% |
| Food Stores | 7,200 | 7,100 | 1.4% | 7,300 | -1.4% |
| Auto & Service Stations | 6,800 | 6,900 | -1.4% | 6,700 | 1.5% |
| Apparel & Accessory | 2,700 | 2,600 | 3.8% | 2,800 | -3.6% |
| Furniture Stores | 1,650 | 1,650 | 0.0% | 1,650 | 0.0% |
| Eating & Drinking Places | 17,800 | 17,800 | 0.0% | 17,800 | 0.0% |
| Misc Retail | 5,600 | 5,500 | 1.8% | 5,200 | 7.7% |
| FINANCE, INS & REAL ESTATE | 12,400 | 12,350 | 0.4% | 12,200 | 1.6% |
| Finance | 6,550 | 6,550 | 0.0% | 6,550 | 0.0% |
| Banking | 5,600 | 5,600 | 0.0% | 5,600 | 0.0% |
| Other Finance | 950 | 950 | 0.0% | 950 | 0.0% |
| Insurance | 3,950 | 3,900 | 1.3% | 3,850 | 2.6% |
| Insurance Underwriters | 2,500 | 2,500 | 0.0% | 2,500 | 0.0% |
| Ins. Agents & Brokers | 1,450 | 1,400 | 3.6% | 1,350 | 7.4% |
| Real Estate | 1,900 | 1,900 | 0.0% | 1,800 | 5.6% |
| SERVICES | 69,950 | 70,150 | -0.3% | 66,550 | 5.1% |
| Lodging | 4,500 | 4,500 | 0.0% | 4,400 | 2.3% |
| Personal & Business | 8,500 | 8,500 | 0.0% | 8,200 | 3.7% |
| Personal Services | 3,200 | 3,100 | 3.2% | 3,200 | 0.0% |
| Business Services | 5,300 | 5,400 | -1.9% | 5,000 | 6.0% |
| Recreational Services | 2,200 | 2,500 | -12.0% | 2,100 | 4.8% |
| Health Services | 29,100 | 29,100 | 0.0% | 27,600 | 5.4% |
| Nursing & Hospital | 21,200 | 21,200 | 0.0% | 20,000 | 6.0% |
| Other Health | 7,900 | 7,900 | 0.0% | 7,600 | 3.9% |
| Membership Organizations | 8,200 | 8,200 | 0.0% | 8,200 | 0.0% |
| Educational Services | 3,200 | 3,100 | 3.2% | 3,100 | 3.2% |
| Social Services | 6,800 | 6,700 | 1.5% | 5,800 | 17.2% |
| Other Services | 7,450 | 7,550 | -1.3% | 7,150 | 4.2% |
| Auto & Misc Repair | 2,300 | 2,300 | 0.0% | 2,100 | 9.5% |
| Legal Services | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Misc Services | 3,700 | 3,800 | -2.6% | 3,600 | 2.8% |
| GOVERNMENT | 66,400 | 66,100 | 0.5% | 67,100 | -1.0% |
| Federal | 10,100 | 10,100 | 0.0% | 10,200 | -1.0% |
| State & Local | 56,300 | 56,000 | 0.5% | 56,900 | -1.1% |
| State Government | 20,300 | 20,200 | 0.5% | 20,800 | -2.4% |
| Educational Services | 13,400 | 13,200 | 1.5% | 13,700 | -2.2% |
| Other State Government | 6,900 | 7,000 | -1.4% | 7,100 | -2.8% |
| Local Government | 36,000 | 35,800 | 0.6% | 36,100 | -0.3% |
| Educational Services | 18,400 | 18,200 | 1.1% | 18,400 | 0.0% |
| Other Local Government | 17,600 | 17,600 | 0.0% | 17,700 | -0.6% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **FARGO-MOORHEAD MSA** | | | | | |
| **TOTAL** | 80,150 | 80,150 | 0.0% | 78,250 | 2.4% |
| GOODS PRODUCING | 10,350 | 10,650 | -2.8% | 9,550 | 8.4% |
| MINING & CONSTRUCTION | 4,300 | 4,600 | -6.5% | 4,050 | 6.2% |
| Special Trades | 2,200 | 2,300 | -4.3% | 2,100 | 4.8% |
| Other Construction & Mining | 2,100 | 2,300 | -8.7% | 1,950 | 7.7% |
| MANUFACTURING | 6,050 | 6,050 | 0.0% | 5,500 | 10.0% |
| Durable Goods | 2,800 | 2,800 | 0.0% | 2,650 | 5.7% |
| Fabricated Metal & Machinery | 1,500 | 1,500 | 0.0% | 1,450 | 3.4% |
| Other Durable Goods | 1,300 | 1,300 | 0.0% | 1,200 | 8.3% |
| Nondurable Goods | 3,250 | 3,250 | 0.0% | 2,850 | 14.0% |
| Food & Kindred | 2,200 | 2,200 | 0.0% | 1,850 | 18.9% |
| Other Nondurables | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 69,800 | 69,500 | 0.4% | 68,700 | 1.6% |
| TRANS, COMM & UTIL | 4,850 | 4,850 | 0.0% | 4,850 | 0.0% |
| Trucking & Warehousing | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| Other Transportation | 2,200 | 2,200 | 0.0% | 2,200 | 0.0% |
| Communications & Utilities | 1,600 | 1,600 | 0.0% | 1,650 | -3.0% |
| WHOLESALE TRADE | 6,700 | 6,700 | 0.0% | 6,800 | -1.5% |
| Durable | 3,900 | 3,900 | 0.0% | 3,800 | 2.6% |
| Nondurable | 2,800 | 2,800 | 0.0% | 3,000 | -6.7% |
| RETAIL TRADE | 15,750 | 15,300 | 2.9% | 15,500 | 1.6% |
| General Merchandise & Apparel | 3,500 | 3,100 | 12.9% | 3,200 | 9.4% |
| Food Stores | 1,800 | 1,850 | -2.7% | 2,000 | -10.0% |
| Auto Dealers & Svc. Stations | 1,950 | 1,950 | 0.0% | 1,700 | 14.7% |
| Eating & Drinking Places | 5,700 | 5,700 | 0.0% | 5,800 | -1.7% |
| Other Retail | 2,800 | 2,700 | 3.7% | 2,800 | 0.0% |
| FINANCE, INS & R E | 4,600 | 4,600 | 0.0% | 4,550 | 1.1% |
| Finance | 2,100 | 2,100 | 0.0% | 2,100 | 0.0% |
| Insurance Carriers | 1,450 | 1,450 | 0.0% | 1,450 | 0.0% |
| Other Fin, Ins. & R.Estate | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES | 22,650 | 22,700 | -0.2% | 21,750 | 4.1% |
| Lodging | 1,400 | 1,400 | 0.0% | 1,350 | 3.7% |
| Personal & Business | 3,700 | 3,800 | -2.6% | 3,600 | 2.8% |
| Recreation & Amusement | 800 | 850 | -5.9% | 850 | -5.9% |
| Health Services | 8,300 | 8,300 | 0.0% | 7,900 | 5.1% |
| Educational Services | 2,300 | 2,200 | 4.5% | 2,300 | 0.0% |
| Social Services | 1,850 | 1,850 | 0.0% | 1,650 | 12.1% |
| Membership Services | 1,500 | 1,500 | 0.0% | 1,500 | 0.0% |
| Other Services | 2,800 | 2,800 | 0.0% | 2,600 | 7.7% |
| GOVERNMENT | 15,250 | 15,350 | -0.7% | 15,250 | 0.0% |
| Federal | 2,300 | 2,300 | 0.0% | 2,300 | 0.0% |
| State | 6,350 | 6,350 | 0.0% | 6,450 | -1.6% |
| State School | 5,800 | 5,800 | 0.0% | 5,900 | -1.7% |
| Other State | 550 | 550 | 0.0% | 550 | 0.0% |
| Local | 6,600 | 6,700 | -1.5% | 6,500 | 1.5% |
| Local School | 4,200 | 4,200 | 0.0% | 4,000 | 5.0% |
| Other Local | 2,400 | 2,500 | -4.0% | 2,500 | -4.0% |

## NONAGRICULTURAL
## WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **GRAND FORKS MSA** | | | | | |
| **TOTAL** | 33,100 | 33,000 | 0.3% | 32,400 | 2.2% |
| GOODS PRODUCING | 2,950 | 3,000 | -1.7% | 3,000 | -1.7% |
| MINING & CONSTRUCTION | 1,300 | 1,450 | -10.3% | 1,500 | -13.3% |
| MANUFACTURING | 1,650 | 1,550 | 6.5% | 1,500 | 10.0% |
| Durable Goods | 600 | 500 | 20.0% | 500 | 20.0% |
| Nondurable Goods | 1,050 | 1,050 | 0.0% | 1,000 | 5.0% |
| SERVICES PRODUCING | 30,150 | 30,000 | 0.5% | 29,400 | 2.6% |
| TRANS, COMM. & UTIL. | 1,700 | 1,700 | 0.0% | 1,700 | 0.0% |
| Transportation | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Communications & Utilities | 650 | 650 | 0.0% | 650 | 0.0% |
| WHOLESALE TRADE | 1,650 | 1,700 | -2.9% | 1,600 | 3.1% |
| RETAIL TRADE | 8,200 | 8,100 | 1.2% | 7,800 | 5.1% |
| General Merchandise & Apparel | 2,100 | 2,000 | 5.0% | 2,000 | 5.0% |
| Eating & Drinking Places | 3,000 | 3,000 | 0.0% | 2,800 | 7.1% |
| Other Retail | 3,100 | 3,100 | 0.0% | 3,000 | 3.3% |
| FINANCE, INS. & R E | 1,150 | 1,200 | -4.2% | 1,150 | 0.0% |
| SERVICES | 7,300 | 7,250 | 0.7% | 7,150 | 2.1% |
| Personal & Business | 1,000 | 950 | 5.3% | 950 | 5.3% |
| Health | 2,800 | 2,800 | 0.0% | 2,800 | 0.0% |
| Other Services | 3,500 | 3,500 | 0.0% | 3,400 | 2.9% |
| GOVERNMENT | 10,150 | 10,050 | 1.0% | 10,000 | 1.5% |
| Federal | 1,550 | 1,500 | 3.3% | 1,550 | 0.0% |
| State | 5,950 | 5,900 | 0.8% | 5,950 | 0.0% |
| State School | 5,500 | 5,400 | 1.9% | 5,500 | 0.0% |
| Other State | 450 | 500 | -10.0% | 450 | 0.0% |
| Local | 2,650 | 2,650 | 0.0% | 2,500 | 6.0% |
| Local School | 1,400 | 1,400 | 0.0% | 1,400 | 0.0% |
| Other Local | 1,250 | 1,250 | 0.0% | 1,100 | 13.6% |

# NONAGRICULTURAL
# WAGE AND SALARY EMPLOYMENT

| INDUSTRIES | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | November 1990 | October 1990 | October 1990 | November 1989 | November 1989 |
| **BISMARCK MSA** | | | | | |
| **TOTAL** | 40,650 | 40,850 | -0.5% | 39,450 | 3.0% |
| GOODS PRODUCING | 4,400 | 4,450 | -1.1% | 3,900 | 12.8% |
| MINING & CONSTRUCTION | 2,100 | 2,200 | -4.5% | 1,700 | 23.5% |
| MANUFACTURING | 2,300 | 2,250 | 2.2% | 2,200 | 4.5% |
| Durable Goods | 950 | 950 | 0.0% | 950 | 0.0% |
| Nondurable Goods | 1,350 | 1,300 | 3.8% | 1,250 | 8.0% |
| SERVICES PRODUCING | 36,250 | 36,400 | -0.4% | 35,550 | 2.0% |
| TRANS, COMM. & UTIL. | 3,000 | 3,050 | -1.6% | 2,850 | 5.3% |
| Transportation | 1,250 | 1,250 | 0.0% | 1,150 | 8.7% |
| Communications & Utilities | 1,750 | 1,800 | -2.8% | 1,700 | 2.9% |
| WHOLESALE TRADE | 2,300 | 2,300 | 0.0% | 2,200 | 4.5% |
| RETAIL TRADE | 8,150 | 7,950 | 2.5% | 8,050 | 1.2% |
| General Merchandise & Apparel | 1,800 | 1,650 | 9.1% | 1,800 | 0.0% |
| Food Stores | 1,050 | 1,050 | 0.0% | 1,050 | 0.0% |
| Auto Dealers & Svc. Stations | 1,050 | 1,050 | 0.0% | 1,150 | -8.7% |
| Eating & Drinking Places | 2,600 | 2,600 | 0.0% | 2,500 | 4.0% |
| Other Retail | 1,650 | 1,600 | 3.1% | 1,550 | 6.5% |
| FINANCE, INS. & R E | 1,500 | 1,500 | 0.0% | 1,550 | -3.2% |
| SERVICES | 12,400 | 12,550 | -1.2% | 11,900 | 4.2% |
| Lodging | 900 | 950 | -5.3% | 900 | 0.0% |
| Personal & Business | 1,450 | 1,450 | 0.0% | 1,400 | 3.6% |
| Health Services | 5,200 | 5,200 | 0.0% | 4,800 | 8.3% |
| Educational Services | 750 | 750 | 0.0% | 850 | -11.8% |
| Social Services | 1,150 | 1,200 | -4.2% | 1,100 | 4.5% |
| Membership Services | 1,200 | 1,200 | 0.0% | 1,200 | 0.0% |
| Other Services | 1,750 | 1,800 | -2.8% | 1,650 | 6.1% |
| GOVERNMENT | 8,900 | 9,050 | -1.7% | 9,000 | -1.1% |
| Federal | 1,150 | 1,200 | -4.2% | 1,200 | -4.2% |
| State | 4,000 | 4,100 | -2.4% | 4,050 | -1.2% |
| State Schools | 300 | 300 | 0.0% | 350 | -14.3% |
| Other State | 3,700 | 3,800 | -2.6% | 3,700 | 0.0% |
| Local | 3,750 | 3,750 | 0.0% | 3,750 | 0.0% |
| Local Schools | 2,200 | 2,200 | 0.0% | 2,100 | 4.8% |
| Other Local | 1,550 | 1,550 | 0.0% | 1,650 | -6.1% |

## LABOR FORCE

## NORTH DAKOTA AND MSA'S

| | CURRENT MONTH | PREVIOUS MONTH | % CHANGE FROM | ONE YEAR AGO | % CHANGE FROM |
|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | OCT 1990 | NOV 1989 | NOV 1989 |
| **UNITED STATES** | | | | | |
| (In Thousands) | | | | | |
| Labor Force | 126,231 | 126,354 | -0.1% | 126,192 | 0.0% |
| Employment | 118,876 | 119,281 | -0.3% | 119,540 | -0.6% |
| Unemployment | 7,355 | 7,073 | 4.0% | 6,652 | 10.6% |
| Unemployment Rate | 5.8% | 5.6% | xxx | 5.3% | xxx |
| **NORTH DAKOTA** | | | | | |
| Labor Force | 319,740 | 325,870 | -1.9% | 324,660 | -1.5% |
| Employment | 309,620 | 314,550 | -1.6% | 311,080 | -0.5% |
| Unemployment | 10,120 | 11,320 | -10.6% | 13,580 | -25.5% |
| Unemployment Rate | 3.2% | 3.5% | xxx | 4.2% | xxx |
| **FARGO-MOORHEAD MSA** | | | | | |
| Labor Force | 90,090 | 89,920 | 0.2% | 89,090 | 1.1% |
| Employment | 88,110 | 88,040 | 0.1% | 87,070 | 1.2% |
| Unemployment | 1,980 | 1,880 | 5.3% | 2,020 | -2.0% |
| Unemployment Rate | 2.2% | 2.1% | xxx | 2.3% | xxx |
| **GRAND FORKS MSA** | | | | | |
| Labor Force | 36,370 | 36,500 | -0.4% | 36,980 | -1.6% |
| Employment | 35,430 | 35,430 | 0.0% | 35,680 | -0.7% |
| Unemployment | 940 | 1,070 | -12.1% | 1,300 | -27.7% |
| Unemployment Rate | 2.6% | 2.9% | xxx | 3.5% | xxx |
| **BISMARCK MSA** | | | | | |
| Labor Force | 46,850 | 47,260 | -0.9% | 47,070 | -0.5% |
| Employment | 45,430 | 45,620 | -0.4% | 45,050 | 0.8% |
| Unemployment | 1,420 | 1,640 | -13.4% | 2,020 | -29.7% |
| Unemployment Rate | 3.0% | 3.5% | xxx | 4.3% | xxx |

U. S. data seasonally adjusted, other data not seasonally adjusted.

The Grand Forks Metropolitan Statistical Area (MSA) includes Grand Forks County.
The Bismarck MSA includes Burleigh and Morton Counties.
The Fargo-Moorhead MSA includes Cass and Clay Counties.

## BORDERING STATE LABOR FORCE COMPARISONS

(In Thousands)
OCT 1990

| | NORTH DAKOTA | MINNESOTA | SOUTH DAKOTA | MONTANA |
|---|---|---|---|---|
| Labor Force | 325.9 | 2,462.1 | 361.4 | 392.7 |
| Employment | 314.6 | 2,357.8 | 348.5 | 368.6 |
| Unemployment | 11.3 | 104.3 | 12.9 | 24.1 |
| Unemployment Rate | 3.5% | 4.2% | 3.6% | 6.1% |

## UNITED STATES

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 |
| MANUFACTURING | 447.58 | 447.86 | 434.84 | 40.8 | 40.9 | 41.1 | 10.97 | 10.95 | 10.58 |
| Durable Goods | 472.88 | 475.69 | 460.65 | 41.3 | 41.4 | 41.5 | 11.45 | 11.49 | 11.10 |
| Nondurable Goods | 414.86 | 410.84 | 398.34 | 40.2 | 40.2 | 40.4 | 10.32 | 10.22 | 9.86 |

## NORTH DAKOTA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 |
| MANUFACTURING | 350.64 | 354.84 | 353.51 | 39.8 | 40.6 | 39.9 | 8.81 | 8.74 | 8.86 |
| Durable Goods | 374.33 | 381.39 | 379.80 | 41.0 | 41.5 | 42.2 | 9.13 | 9.19 | 9.00 |
| Nondurable Goods | 326.56 | 328.32 | 324.26 | 38.6 | 39.7 | 37.4 | 8.46 | 8.27 | 8.67 |
| Food & Kindred | 336.60 | 337.22 | 324.43 | 41.2 | 42.1 | 38.9 | 8.17 | 8.01 | 8.34 |

## FARGO-MOORHEAD MSA

## MANUFACTURING HOURS AND EARNINGS

| INDUSTRY | Average Weekly Earnings | | | Average Weekly Hours | | | Average Hourly Earnings | | |
|---|---|---|---|---|---|---|---|---|---|
| | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 | NOV 1990 | OCT 1990 | NOV 1989 |
| MANUFACTURING | 330.11 | 358.26 | 364.61 | 37.9 | 42.0 | 40.2 | 8.71 | 8.53 | 9.07 |
| Durable Goods | 339.60 | 358.57 | 344.54 | 38.2 | 40.7 | 38.8 | 8.89 | 8.81 | 8.88 |
| Nondurable Goods | 323.09 | 357.73 | 384.80 | 37.7 | 43.1 | 41.6 | 8.57 | 8.30 | 9.25 |

## U. S. CONSUMER PRICE INDEX

### ALL URBAN CONSUMERS

(1982-84=100)

| ITEM | ANNUAL AVERAGE 1989 | NOV 1990 | OCT 1990 | Percent Change From OCT 1990 | NOV 1989 | Percent Change From NOV 1989 |
|---|---|---|---|---|---|---|
| All Items | 124.0 | 133.8 | 133.5 | 0.2% | 125.9 | 6.3% |
| Food & Beverage | 124.9 | 133.7 | 133.4 | 0.2% | 126.7 | 5.5% |
| Housing | 123.0 | 130.4 | 130.6 | -0.2% | 124.5 | 4.7% |
| Apparel & Upkeep | 118.6 | 127.5 | 128.4 | -0.7% | 122.1 | 4.4% |
| Transportation | 114.1 | 126.9 | 125.8 | 0.9% | 115.0 | 10.3% |
| Medical Care | 149.3 | 168.4 | 167.1 | 0.8% | 153.9 | 9.4% |
| Entertainment | 126.5 | 134.4 | 134.3 | 0.1% | 128.6 | 4.5% |
| All Other | 147.7 | 163.6 | 163.2 | 0.2% | 151.9 | 7.7% |

## PRODUCER PRICE INDEX

### UNITED STATES AVERAGE

| ITEM | ANNUAL AVERAGE 1989 | NOV 1990 | OCT 1990 | Percent Change From OCT 1990 | NOV 1989 | Percent Change From NOV 1989 |
|---|---|---|---|---|---|---|
| All Commodities | 112.2 | 120.1 | 120.8 | -0.6% | 112.7 | 6.6% |
| Farm Products & Processed Foods and Feeds | 115.3 | 117.4 | 118.1 | -0.6% | 115.4 | 1.7% |
| Industrial Commodities | 111.6 | 120.6 | 121.3 | -0.6% | 112.2 | 7.5% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 |
| Divide | 1,239 | 1,310 | 1,270 | 1,203 | 1,270 | 1,232 | 36 | 40 | 38 | 2.9% | 3.1% | 3.0% |
| McKenzie | 2,577 | 2,790 | 2,708 | 2,527 | 2,683 | 2,619 | 50 | 107 | 89 | 1.9% | 3.8% | 3.3% |
| Williams | 10,295 | 10,537 | 10,599 | 10,000 | 10,152 | 10,185 | 295 | 385 | 414 | 2.9% | 3.7% | 3.9% |
| REGION 1 | 14,111 | 14,637 | 14,577 | 13,730 | 14,105 | 14,036 | 381 | 532 | 541 | 2.7% | 3.6% | 3.7% |
| Bottineau | 3,134 | 3,244 | 3,250 | 3,057 | 3,145 | 3,099 | 77 | 99 | 151 | 2.5% | 3.1% | 4.6% |
| Burke | 1,153 | 1,209 | 1,246 | 1,107 | 1,144 | 1,176 | 46 | 65 | 70 | 4.0% | 5.4% | 5.6% |
| McHenry | 2,405 | 2,445 | 2,456 | 2,181 | 2,243 | 2,195 | 224 | 202 | 261 | 9.3% | 8.3% | 10.6% |
| Mountrail | 3,213 | 3,333 | 3,203 | 3,072 | 3,137 | 2,998 | 141 | 196 | 205 | 4.4% | 5.9% | 6.4% |
| Pierce | 2,367 | 2,425 | 2,387 | 2,323 | 2,370 | 2,333 | 44 | 55 | 54 | 1.9% | 2.3% | 2.3% |
| Renville | 1,164 | 1,194 | 1,182 | 1,142 | 1,163 | 1,144 | 22 | 31 | 38 | 1.9% | 2.6% | 3.2% |
| Ward | 24,701 | 24,951 | 25,379 | 23,753 | 23,955 | 24,118 | 948 | 996 | 1,261 | 3.8% | 4.0% | 5.0% |
| REGION 2 | 38,137 | 38,801 | 39,103 | 36,635 | 37,157 | 37,063 | 1,502 | 1,644 | 2,040 | 3.9% | 4.2% | 5.2% |
| Benson | 2,312 | 2,441 | 2,786 | 2,080 | 2,176 | 2,482 | 232 | 265 | 304 | 10.0% | 10.9% | 10.9% |
| Cavalier | 2,423 | 2,533 | 2,477 | 2,338 | 2,445 | 2,370 | 85 | 88 | 107 | 3.5% | 3.5% | 4.3% |
| Eddy | 1,358 | 1,382 | 1,371 | 1,282 | 1,313 | 1,287 | 76 | 69 | 84 | 5.6% | 5.0% | 6.1% |
| Ramsey | 6,714 | 6,627 | 6,595 | 6,557 | 6,453 | 6,374 | 157 | 174 | 221 | 2.3% | 2.6% | 3.4% |
| Rolette | 4,405 | 4,571 | 4,606 | 3,958 | 4,003 | 3,995 | 447 | 568 | 611 | 10.1% | 12.4% | 13.3% |
| Towner | 1,560 | 1,600 | 1,646 | 1,494 | 1,543 | 1,571 | 66 | 57 | 75 | 4.2% | 3.6% | 4.6% |
| REGION 3 | 18,772 | 19,154 | 19,481 | 17,709 | 17,933 | 18,079 | 1,063 | 1,221 | 1,402 | 5.7% | 6.4% | 7.2% |
| Grand Forks | 36,369 | 36,496 | 36,975 | 35,431 | 35,426 | 35,679 | 938 | 1,070 | 1,296 | 2.6% | 2.9% | 3.5% |
| Nelson | 1,770 | 1,814 | 1,832 | 1,688 | 1,759 | 1,711 | 82 | 55 | 121 | 4.6% | 3.[illegible] | 6.6% |
| Pembina | 5,229 | 5,830 | 5,345 | 4,909 | 5,439 | 4,844 | 320 | 391 | 501 | 6.1% | 6.7% | 9.4% |
| Walsh | 7,069 | 7,653 | 7,332 | 6,777 | 7,313 | 6,952 | 292 | 340 | 380 | 4.1% | 4.4% | 5.2% |
| REGION 4 | 50,437 | 51,793 | 51,484 | 48,805 | 49,937 | 49,186 | 1,632 | 1,856 | 2,298 | 3.2% | 3.6% | 4.5% |
| Cass | 62,973 | 63,039 | 63,103 | 61,805 | 61,845 | 61,755 | 1,168 | 1,194 | 1,348 | 1.9% | 1.9% | 2.1% |
| Ransom | 2,413 | 2,530 | 2,511 | 2,371 | 2,486 | 2,430 | 42 | 44 | 81 | 1.7% | 1.7% | 3.2% |
| Richland | 8,417 | 8,551 | 8,430 | 8,176 | 8,345 | 8,182 | 241 | 206 | 248 | 2.9% | 2.4% | 2.9% |
| Sargent | 2,577 | 2,660 | 2,542 | 2,541 | 2,616 | 2,502 | 36 | 44 | 40 | 1.4% | 1.7% | 1.6% |
| Steele | 978 | 1,055 | 1,019 | 959 | 1,030 | 978 | 19 | 25 | 41 | 1.9% | 2.4% | 4.0% |
| Traill | 4,404 | 4,535 | 4,385 | 4,309 | 4,432 | 4,269 | 95 | 103 | 116 | 2.2% | 2.3% | 2.6% |
| REGION 5 | 81,762 | 82,370 | 81,990 | 80,161 | 80,754 | 80,116 | 1,601 | 1,616 | 1,874 | 2.0% | 2.0% | 2.3% |

## LABOR FORCE - BY COUNTY - BY REGION

| | LABOR FORCE | | | EMPLOYMENT | | | UNEMPLOYMENT | | | RATE | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 | NOV'90 | OCT'90 | NOV'89 |
| Barnes | 5,765 | 5,805 | 5,731 | 5,576 | 5,670 | 5,521 | 189 | 135 | 210 | 3.3% | 2.3% | 3.7% |
| Dickey | 3,081 | 3,138 | 3,016 | 3,016 | 3,064 | 2,960 | 65 | 74 | 56 | 2.1% | 2.4% | 1.9% |
| Foster | 2,272 | 2,284 | 2,221 | 2,181 | 2,215 | 2,105 | 91 | 69 | 116 | 4.0% | 3.0% | 5.2% |
| Griggs | 1,442 | 1,508 | 1,477 | 1,400 | 1,485 | 1,434 | 42 | 23 | 43 | 2.9% | 1.5% | 2.9% |
| La Moure | 2,177 | 2,231 | 2,178 | 2,096 | 2,178 | 2,111 | 81 | 53 | 67 | 3.7% | 2.4% | 3.1% |
| Logan | 1,361 | 1,463 | 1,394 | 1,336 | 1,406 | 1,343 | 25 | 57 | 51 | 1.8% | 3.9% | 3.7% |
| McIntosh | 2,131 | 2,171 | 2,135 | 2,089 | 2,146 | 2,090 | 42 | 25 | 45 | 2.0% | 1.2% | 2.1% |
| Stutsman | 11,401 | 11,805 | 11,725 | 11,093 | 11,258 | 11,200 | 308 | 547 | 525 | 2.7% | 4.6% | 4.5% |
| Wells | 2,590 | 2,664 | 2,699 | 2,451 | 2,530 | 2,522 | 139 | 134 | 177 | 5.4% | 5.0% | 6.6% |
| REGION 6 | 32,220 | 33,069 | 32,576 | 31,238 | 31,952 | 31,286 | 982 | 1,117 | 1,290 | 3.0% | 3.4% | 4.0% |
| Burleigh | 34,317 | 34,677 | 34,423 | 33,340 | 33,476 | 33,055 | 977 | 1,201 | 1,368 | 2.8% | 3.5% | 4.0% |
| Emmons | 2,042 | 2,120 | 2,078 | 1,947 | 2,057 | 1,979 | 95 | 63 | 99 | 4.7% | 3.0% | 4.8% |
| Grant | 1,672 | 1,793 | 1,697 | 1,627 | 1,741 | 1,625 | 45 | 52 | 72 | 2.7% | 2.9% | 4.2% |
| Kidder | 1,463 | 1,497 | 1,490 | 1,348 | 1,404 | 1,353 | 115 | 93 | 137 | 7.9% | 6.2% | 9.2% |
| McLean | 4,339 | 4,334 | 4,358 | 4,149 | 4,149 | 4,110 | 190 | 185 | 248 | 4.4% | 4.3% | 5.7% |
| Mercer | 5,276 | 5,457 | 5,426 | 5,047 | 5,230 | 5,074 | 229 | 227 | 352 | 4.3% | 4.2% | 6.5% |
| Morton | 12,538 | 12,580 | 12,638 | 12,093 | 12,143 | 11,990 | 445 | 437 | 648 | 3.5% | 3.5% | 5.1% |
| Oliver | 945 | 954 | 1,004 | 901 | 920 | 929 | 44 | 34 | 75 | 4.7% | 3.6% | 7.5% |
| Sheridan | 1,165 | 1,211 | 1,136 | 1,103 | 1,163 | 1,058 | 62 | 48 | 78 | 5.3% | 4.0% | 6.9% |
| Sioux | 1,169 | 1,157 | 1,231 | 1,057 | 1,004 | 1,062 | 112 | 153 | 169 | 9.6% | 13.2% | 13.7% |
| REGION 7 | 64,926 | 65,780 | 65,481 | 62,612 | 63,287 | 62,235 | 2,314 | 2,493 | 3,246 | 3.6% | 3.8% | 5.0% |
| Adams | 1,612 | 1,671 | 1,614 | 1,585 | 1,627 | 1,569 | 27 | 44 | 45 | 1.7% | 2.6% | 2.8% |
| Billings | 628 | 860 | 644 | 596 | 847 | 615 | 32 | 13 | 29 | 5.1% | 1.5% | 4.5% |
| Bowman | 2,001 | 2,073 | 2,026 | 1,969 | 2,025 | 1,981 | 32 | 48 | 45 | 1.6% | 2.3% | 2.2% |
| Dunn | 1,685 | 1,788 | 1,649 | 1,630 | 1,729 | 1,523 | 55 | 59 | 126 | 3.3% | 3.3% | 7.6% |
| Gldn Valley | 971 | 1,035 | 972 | 949 | 999 | 958 | 22 | 36 | 14 | 2.3% | 3.5% | 1.4% |
| Hettinger | 1,607 | 1,711 | 1,650 | 1,563 | 1,665 | 1,588 | 44 | 46 | 62 | 2.7% | 2.7% | 3.8% |
| Slope | 411 | 463 | 419 | 386 | 425 | 387 | 25 | 38 | 32 | 6.1% | 8.2% | 7.6% |
| Stark | 10,457 | 10,660 | 10,989 | 10,049 | 10,109 | 10,460 | 408 | 551 | 529 | 3.9% | 5.2% | 4.8% |
| REGION 8 | 19,372 | 20,261 | 19,963 | 18,727 | 19,426 | 19,081 | 645 | 835 | 882 | 3.3% | 4.1% | 4.4% |
| **STATE TOTALS** | 319,743 | 325,866 | 324,654 | 309,619 | 314,650 | 311,079 | 10,124 | 11,316 | 13,575 | 3.2% | 3.5% | 4.2% |

# DEFINITIONS

**EMPLOYED:** A count of individuals 16 years of age or older who worked for pay any time during the week which included the 12th of the month or who worked unpaid for 15 hours or more in a family-operated enterprise. Members of the Armed Forces stationed in the United States are included in the U.S. totals, but are excluded from the North Dakota and MSA counts.

**UNEMPLOYED:** Includes all individuals who did not work during the survey week, but were available for work except for temporary illness, and had looked for jobs within the preceding four weeks.

**LABOR FORCE:** The sum of the employed and the unemployed.

**UNEMPLOYMENT RATE:** The number of unemployed as a percent of the total labor force.

**CONSUMER PRICE INDEX:** A monthly statistical measure of the average change in prices in a fixed market basket of goods and services. Though the CPI is often call the "Cost of Living Index," it measures only price change, which is just one of several important factors affecting living costs. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**PRODUCER PRICE INDEX:** This index measures the average changes in prices received in primary markets of the United States by producers of commodities in all states of processing. The index is produced by the Bureau of Labor Statistics, U. S. Department of Labor.

**NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT:** An estimate of all full- and part-time wage and salary employees who worked during, or received pay from the pay period which included the 12th of the month. Estimates measure the number of jobs by industry and reflect employment by place of work.

# JOB SERVICE OFFICE LOCATIONS

**BISMARCK**
216 Second Street
Phone: 224-2880

**BEULAH**
119 East Main
Phone: 873-5607

**DEVILS LAKE**
301 South College Drive
Phone: 662- 2181

**DICKINSON**
66 Osborn Drive
Phone: 227-2361

**FARGO**
1350 32nd Street South
Phone: 237-7113

**NDSU-FARGO**
Job Information and
Placement Center
211 Ceres Hall
Phone: 237-7111

**FORT TOTTEN**
Tribal Building
Phone: 766-4221, Ext. 45

**FORT YATES**
Job Service Building
Phone: 854-7463

**GRAFTON**
927 12th St. West
Phone: 352-2202

**GRAND FORKS**
2016 South Washington
Phone: 777-3711

**UND-GRAND FORKS**
McCannel Hall- Room 141
Phone: 777-3904

**HARVEY**
119 9th St. West
Phone: 324-4552

**HETTINGER**
606 2nd Avenue North
Phone: 567-2156

**JAMESTOWN**
429 2nd Street Southwest
Phone: 251-2256

**MANDAN**
501 1st Street Northwest
Phone: 663-6461

**MINOT**
3416 North Broadway
Phone: 857-7650

**NEW TOWN**
Tribal Administration Building
Phone: 627-4390

**OAKES**
517 Main Ave.
PHONE: 742-2546

**ROLLA**
103 East Main
Phone: 477-5631

**VALLEY CITY**
2425 West Main
Phone: 845-7261

**WAHPETON**
524 2nd Avenue North
Phone: 671-2711

**WILLISTON**
422 1st Avenue West
Phone: 774-4370